

INSTRUCTIONS:

Non-automated: Mar. 4, 2008

1. Sheet is nonautomated. Print sheet and complete using hand calculations. Column A and B: See MassDEP Structural BMP Table
2. The calculations must be completed using the Column Headings specified in Chart and Not the Excel Column Headings
3. To complete Chart Column D, multiple Column B value within Row x Column C value within Row
4. To complete Chart Column E value, subtract Column D value within Row from Column C within Row
5. Total TSS Removal = Sum All Values in Column D

Location: 11 Wheeler Road Pretreatment

**TSS Removal
Calculation Worksheet**

A BMP ¹	B TSS Removal Rate ¹	C Starting TSS Load*	D Amount Removed (B*C)	E Remaining Load (C-D)
Deep Sump and Hooded Catch Basin	0.25	1.00	0.25	0.75
Sediment Forebay	0.25	0.75	0.19	0.56
		0.00	0.00	0.56

Total TSS Removal =

44%

Project: 11 Wheeler Road

Prepared By: MGC

Date: 1/22/2021

*Equals remaining load from previous BMP (E)
which enters the BMP

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Location: 11 Wheeler Road Treatment

TSS Removal
Calculation Worksheet

A BMP ¹	B TSS Removal Rate ¹	C Starting TSS Load*	D Amount Removed (B*C)	E Remaining Load (C-D)
Infiltration Basin	0.80	1.00	0.80	0.20

Total TSS Removal =

80%

Separate Form Needs to be
Completed for Each Outlet or
BMP Train

Project: 11 Wheeler Road

Prepared By: MGC

Date: 1/22/2021

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which enters the BMP